



กรุงเทพมหานคร
ร่วมสร้าง
กรุงเทพฯ
ม.ร.อ.สุชัยปิติ ตรีมิตร
ผู้ว่าราชการกรุงเทพมหานคร

มหานครแห่งความปลอดภัย










Flood Control Center

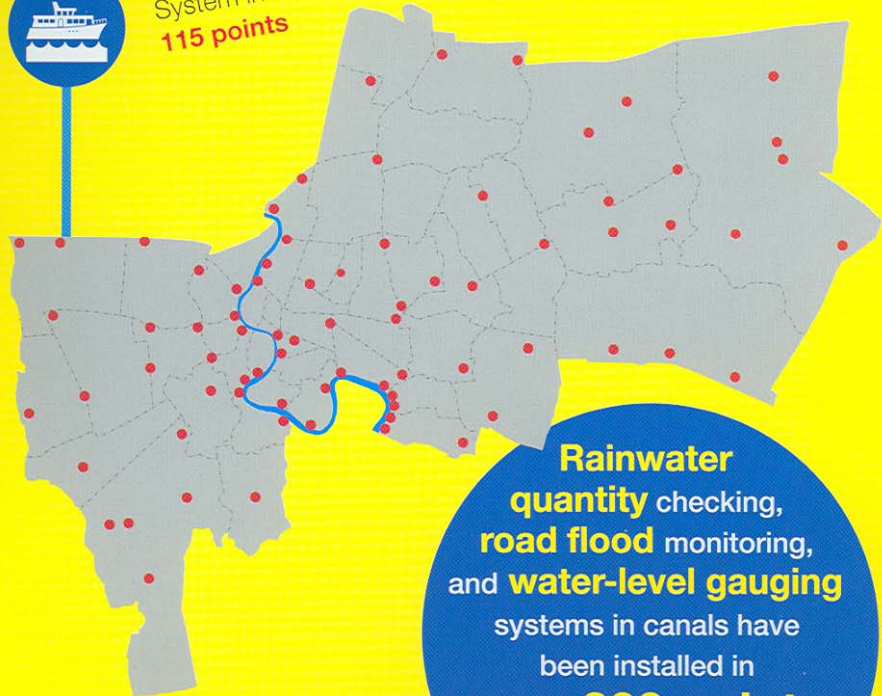
Bangkok Metropolitan Administration

The BMA's Flood Control Center is situated on the sixth floor of the Department of Drainage and Sewerage Building, Bangkok City Hall 2, Din Daeng District. It conducts water management via collection of real-time water-level data from its telemetering units around the city on both the Phra Nakhon and Thon Buri flanks of the Chao Phraya River. Computerized data processing allows the Center to respond to problems accurately and efficiently.










Flood Monitoring System

-  Weather Radar System
1 system
-  Automatic Weather System
52 stations
-  Rainwater Quantity Checking System
127 stations
-  Road Flood Monitoring System
101 points
-  Water-level Gauging System in Canals
115 points
-  CCTV
47 points
-  Flow Rate Metering System
28 points
-  Regulator Operation Monitoring System
54 points
-  Pump Operation Monitoring System
35 points



Rainwater quantity checking, road flood monitoring, and water-level gauging systems in canals have been installed in over 300 points around the city.



-  Weather Radar
 -  Automatic Weather System
 -  Rainwater Quantity Checking System
 -  Road Flood Monitoring System
 -  Water-level Gauging System in Canals
 -  Flow Rate Metering System
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Related agencies

- Royal Irrigation Department (RID)
- Thai Meteorological Department (TMD)
- Hydrographic Department
- Metropolitan Electricity Authority (MEA)
- Royal Thai Police

-  Internet network
-  Telephone network

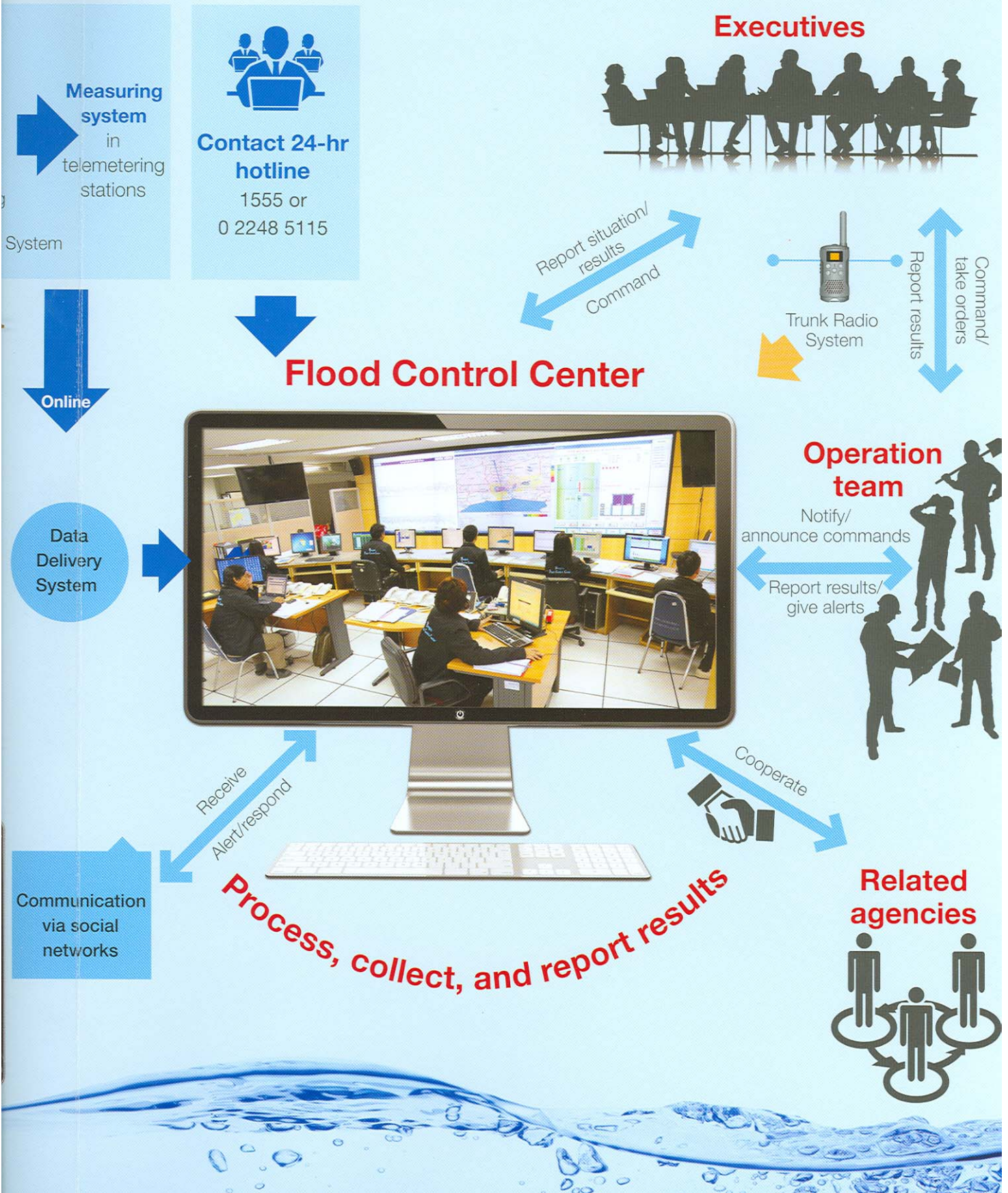


Data Delivery System

- People
- Agencies/ organizations
- Mass media
- Others
-  Facebook
-  Twitter
-  Line
-  Website

Communicate via social network

Flood Control Center Operation



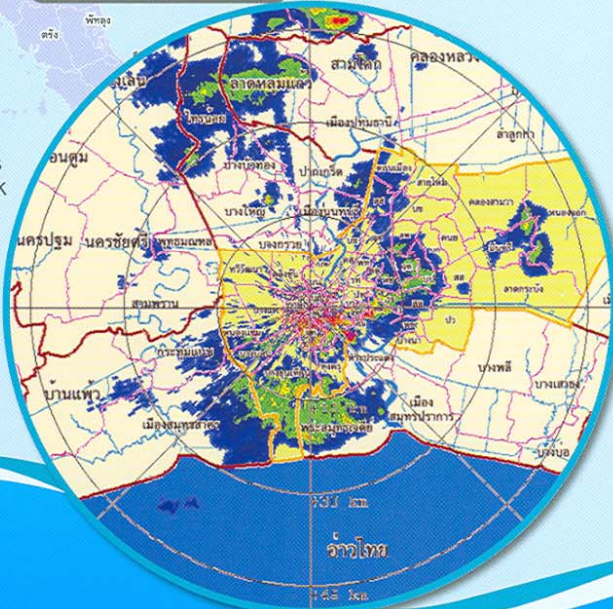
The Weather Radar System

detects precipitation events approaching Bangkok and notifies the forecasted zones to the Center via electronic data updated every five minutes.

- Khlong Bang Phai Station: 240 km range
- Khlong Bang Phai Station: 480 km range
- Nong Chok Station: 240 km range
- Nong Chok Station: 480 km range

During 2005-2014, a weather radar station was installed in the Flood Prevention Center on the Thon Buri office at Phasi Charoen District. It covers 60 km of effective range (120-km Spectral Width). In 2015 three more stations will be established.

Spectral width of radar stations around Bangkok



1. At Bueng Nong Bon Flood Control Center (moved from Phasi Charoen)
2. Weather Radar Station Along the Bang Phai Canal, Nong Khaem District with effective range of 240 km (480-km Spectral Width)
3. At the BMA's Training and Development Institute, with effective range of 240 km (480-km Spectral Width)



**Department of Drainage and Sewerage
Bangkok Metropolitan Administration**

BMA Flood Control Center
Four contact channels:
Website: <http://dds.bangkok.go.th>
Facebook: [bkk.best](https://www.facebook.com/bkk.best)
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